

ABSTRACT

An expander roller includes a tubular roller sleeve 2 adjustable in its curvature that is formed of one-piece tubes made of reinforced plastic/composite material, and that is mounted on a non-rotatable central area by means of bearings 13. The central area is a deformable axis. The outer surfaces of the bearings 13 rest against the inner wall of the roller sleeve 2 or of one of the outer ring shell bushings 3 resting against its inner wall. The inner surfaces of the bearings 13 rest on the upper surface of the deformable axis 1 or of a ring shell bushing 4 firmly surrounding it.